

I Claim:

1. A tamper-evident seal, comprising:

a main body;

a flexible loop having a free end and a fixed end, said fixed end being attached to  
said main body;

5 a receptacle provided in said main body and configured to at least partially  
receive said free end of said flexible loop;

non-releasable engagement means for retaining said free end within said  
receptacle;

wherein said flexible loop is configured to fail before the non-releasable  
10 engagement means releases said free end.

2. The tamper evident seal according to claim 1, wherein said flexible loop is  
composed of nylon.

3. The tamper evident seal according to claim 2 wherein said body and said non-  
releasable engagement means are composed of a non-metallic material.

4. The tamper evident seal according to claim 1, wherein said flexible loop is  
configured to fail when subjected to a tensile force of between 5 and 18 lbs.

5. The tamper evident seal according to claim 1 wherein said flexible loop further  
comprises a region of diminished thickness configure to fail before said non-releasable  
engagement means releases said free end.

6. The tamper evident seal according to claim 1 wherein said flexible loop includes a notched portion configured to fail before the non-releasable engagement means releases said free end.

7. The tamper evident seal according to claim 1, wherein said non-releasable engagement means comprises:

a tapered head provided on said free end, said tapered head having a shoulder; and  
at least two flanges provided on said receptacle, said flanges provided in a spaced  
5 relationship to receive and retain said tapered head therebetween.